Docket No.: 06727/0205274-US0

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	Patent Application of: Shacham-Diamond et al.	
Appli	cation No.: 10/597,626	Confirmation No.: 4033
Filed:	August 1, 2006	Art Unit: N/A
For:	ELECTROLESS COATING METHODS FOR DEPOSITING SILVER-TUNGSTEN COATINGS, KITS AND PRODUCTS	Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

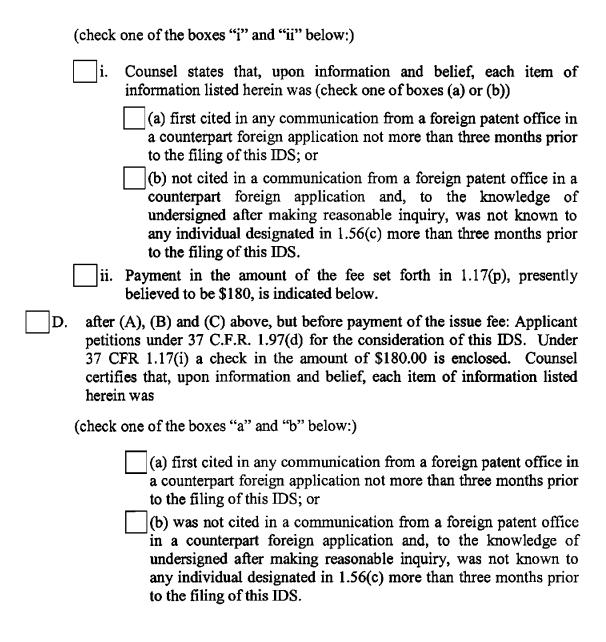
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

	1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed: of the boxes A-D)
A.	within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above identified national application
B.	before the mailing date of a first office action on the merits, or a first office action after filing a request for continued examination.
C.	after (A) and (B) above, but before final rejection or allowance, and Applicants have made the necessary statement in box "i" below or paid the necessary fee in box "ii" below.

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2. In accordance with 37 C.F.R. 1.98, this IDS includes a list (e.g., form PTO/SB/08) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached, except as explained below.

(check boxes A, B and/or C and fill in blanks, if appropriate.)

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X A. Pursuant to the 37 C.F.R. § 1.98(a)(2)(ii), a copy/copies of the U.S. Patent(s) and/or U.S. Patent Application Publication(s) on PTO/SB08 is/are not being submitted.
B. Document(s) is (are) deemed substantially cumulative to document(s), and, in accordance with 1.98(c), only a copy of each of the latter documents is enclosed.
C. Certain documents were previously cited by or submitted to the Office in the following prior applications, which are relied upon under 35 U.S.C. 120:
< <insert &="" date="" filing="" no.="" serial="">></insert>
Applicant identifies these documents by attaching hereto copies of the forms PTO-892, PTO-1449 and/or PTO/SB/08 from the files of the prior application(s) or a fresh PTO/SB/08 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d), copies of these documents need not be filed in this application.
3. Cite No(s) are not in the English language. In accordance with 1.98(c), Applicant states:
An English translation of each document (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application, or English-language abstract (or claim) is enclosed.
The requirement for a concise explanation of the relevance of any foreign language document is satisfied by the attached search report; citation of the documents cited in the search report shall not be construed as an admission that they are or are considered to be, material to patentability of the subject matter claimed herein (See MPEP §609).
A concise explanation of the relevance of document(s) is set forth as follows: [Insert concise explanation of relevance]
A concise explanation of the relevance of document(s) can be found on page(s) of the specification.
A concise explanation of document(s) can be found on the attached sheet.

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	No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 in the preamble to the final rules; 1135 OG 13 at 20). Other information being provided for the examiner's consideration follows:
[A/An prosecution of _ application.]	Search Report, dated, which issued during theApplication No which corresponds to the present
construed as a reconsidered to be, a or attached is (or or	accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should not be expresentation that a search has been made or that information cited is, or is material to patentability as defined in §1.56 (b), or that any cited document listed constitutes) prior art. Unless other-wise indicated, the date of publication indicated on from the face of the item and Applicant reserves the right to prove that the date in fact different.
Early a	and favorable consideration is earnestly solicited.
	ommissioner is authorized to charge any deficiency of up to \$300.00 or credit any to Deposit Account No. 04-0100.
Dated: February 2	3, 2007 Respectfully submitted,

S. Peter Ludwig

New York, New York 10150-5257

(212) 527-7700

(212) 527-7701 (Fax)

Attorneys/Agents For Applicant

Registration No.: 25,351

PTO/SB/08A/B (09-06)
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Substitute for form 1449/PTO				Complete If Known	
]				Application Number	10/597,626-Conf. #4033
l IN	IFORMATION	I DI	SCLOSURE	Filing Date	August 1, 2006
STATEMENT BY APPLICANT				First Named Inventor	Yosi Shacham-Diamond
				Art Unit	N/A
(Use as many sheets as necessary)			necessary)	Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	06727/0205274-US0

	U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
Initials*	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear		
	AA*	US-5,882,441	03-16-1999	Davitz			
	AB*	US-5,817,195	10-06-1998	Davitz			
	AC*	US-6,613,818	09-02-2003	Sakatoku et al.			
	AD*	US-4,353,786	10-12-1982	de Jager et al.			
	AE*	US-5,478,450	12-26-1995	Buck			
	AF*	US-5,876,513	03-02-1999	Frankson			
	AG*	US-6,076,538	06-20-2000	Frankson			
	AH*	US-6,231,258	05-15-2001	Kingsley			
	AI*	US-5,232,492	08-03-1993	Krulik et al.			
	AJ*	US-6,387,542	05-14-2002	Kozlov et al.			
	AK*	US-5,451,268	09-19-1995	Shepherd			
	AL*	US-4,006,026	01/1977	Dahms et al.			

	FOREIGN PATENT DOCUMENTS										
Examiner	Cite	Foreign Patent Document	Publication Date		Pages, Columns, Lines, Where Relevant Passages						
Initials*	No.'	Country Code ³ -Number ⁴ -Kind Code ⁵ (# known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	<u> </u>					
	ВА	GB-626483	07-15-1949	Igranic Electric Co Ltd							

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	CA	INBERG, A., et al., "Material and Electrical Properties of Electroless Ag-W Thin Film," Journal of Electronic Materials, Voi. 30, Issue 4, April 2001, pg. 355-359 (an abstract).	
	СВ	INBERG, A., et al., "Characterization of the Initial Growth Stages of Electroless Ag(W) Films Deposited on Si(100)," Journal of the Electrochemical Society, 148 (12), C784-C789, 2001.	
	СС	INBERG, A., et al., "Novel Highly Conductive Silver-Tungsten Thin Films Electroless Deposited from Benzoate Solution for Microelectronic Applications," Journal of the Electrochemical Society, 150 (5) C285-C291, 2003.	
	CD	GLICKMAN, E.E., et al., "Electrical Resistivity of Thin Electroless Ag-W films for Metallization," Microelectronic Engineering x, 2003 xxx-xxx, pg. 1-6.	_
	CE	SHACHAM-DIAMOND, Yosi, et al., "Electroless Silver and Silver with Tungsten Thin Films for Microelectronics and Microelectromechanical System Applications," Journal of the Electrochemical Society, 2000, 147 (9), pg. 3345-3349.	
	CF	SHACHAM-DIAMOND, Yosi, et al., "Electroless Processes for Micro- and Nanoelectronics," Electrochimica Acta 48, 2003, pg. 2987-2996.	
	CG	BOGUSH, V., et al., "Electroless Deposition of Novel Ag-W thin Films," Microelectronic Engineering 70, 2003, pg. 489-494.	

Examiner	Date
Signature	Considered

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				Art Unit	N/A
			necessary)	Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	06727/0205274-US0

	INBERG, A., et al., "Electroless-Deposited Ag-W films for Microelectronics Applications," Thin Solid Films 389, 2001, pg. 213-218.			
CI	BOGUSH, V., et al., "Material Properties of Very Thin Electroless Silver-Tungsten Films," Thin Solid Films 426, 2003, pg. 288-295.			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner Date Signature Considered			
	I Evaminar I	Date	
	Signature	Considered	

Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.